

# INTERNATIONAL SEARCH REPORT

InterrtBBnal Application No  
PCT/JP2004/019124

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 H04L9/00 G06F1/00

According to International Patent Classification (IPC) or to both national classification and IPG

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 H04L GIIB

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and where practical, search terms used)

EPO-Internal , WPI Data, PAJ, INSPEC

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
X	EP 1 215 844 A (MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD) 19 June 2002 (2002-06-19)	1-3, 11, 17, 21, 27, 29, 34-36 30-33
A	abstract; figure 12 paragraph '0058! - paragraph '0076! paragraph '0086! - paragraph '0088! paragraph '0103! - paragraph '0105! paragraph '0129! - paragraph '0141! ----- -/-	

☒ Further documents are listed in the continuation of box C

☒ Patent family members are listed in annex

### \* Special categories of cited documents

A" document defining the general state of the art which is not considered to be of particular relevance  
E' earlier document but published on or after the international filing date  
L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)  
O' document referring to an oral disclosure, use, exhibition or other means  
P' document published prior to the international filing date but later than the priority date claimed

T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention  
X' document of particular relevance, the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone  
Y' document of particular relevance, the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art  
& document member of the same patent family

Date of the actual completion of the international search

11 October 2005

Date of mailing of the international search report

21/10/2005

Name and mailing address of the ISA

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category "	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
A	<p>CANETTI R ET AL: "Multicast security: a taxonomy and some efficient constructions" INFOCOM '99. EIGHTEENTH ANNUAL JOINT CONFERENCE OF THE IEEE COMPUTER AND COMMUNICATIONS SOCIETIES. PROCEEDINGS. IEEE NEW YORK, NY, USA 21-25 MARCH 1999, PISCATAWAY, NJ, USAJEEEE, US, vol. 2, 21 March 1999 (1999-03-21), pages 708-716, XP010323810 ISBN: 0-7803-5417-6 page 714, right-hand column, last paragraph - page 716, left-hand column, last line</p> <p>-----</p>	1,27

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Information on patent family members

International Application No

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
EP 1215844 A	19-06-2002	US 2002076204 A1	20-06-2002